

CLAIMS:

1. A hub assembly for a washing machine transmission, said assembly comprising:
 - a brake hub comprising an opening therethrough; and
 - 5 an isolator insert comprising a plurality of substantially flat legs, said insert positioned at least partially within said hub opening.
2. A hub assembly in accordance with Claim 1 wherein said isolator insert further comprises a ring, said legs connected to said ring.
3. A hub assembly in accordance with Claim 1 wherein said legs 10 comprise a substantially rectangular cross section.
4. A hub assembly in accordance with Claim 3 wherein said isolator insert comprises six legs.
5. A hub assembly in accordance with Claim 1 wherein said hub further comprises a bottom, at least one of said legs comprises a tab, said 15 tab configured to engage said hub bottom.
6. A hub assembly in accordance with Claim 1 wherein said brake hub opening is substantially circular, said interior surface including a plurality of ribs, said isolator insert legs configured to extend through said openings and between adjacent ribs of said brake hub when said isolator is 20 inserted into said hub.
7. A hub assembly for a washing machine transmission, said assembly comprising:

an input shaft;

a brake hub comprising an opening therethrough, said input shaft positioned within said opening; and

an isolator insert comprising a plurality of resilient legs, said legs extending at least partially into said brake hub opening between said hub and said input shaft.

8. A hub assembly in accordance with Claim 7 wherein said legs are substantially flat when said insert is positioned within said hub, and said legs are curved when said isolator insert is positioned onto said input shaft.

10 9. A hub assembly in accordance with Claim 7 wherein said isolator insert comprises six legs.

10. A hub assembly in accordance with Claim 7 wherein said insert further comprises a ring connecting said legs.

15 11. A hub assembly in accordance with Claim 7, wherein said legs include a proximal end and a distal end, at least one of said legs including a tab at said distal end, said tab configured to engage said hub.

20 12. A hub assembly in accordance with Claim 7 wherein said interior surface includes a plurality of ribs, said legs extending between said ribs.

13. A hub assembly in accordance with Claim 12 wherein said legs are separated from said ribs.

14. A hub assembly in accordance with Claim 12 wherein said opening is substantially circular.

15. A hub assembly in accordance with Claim 14 wherein said input shaft comprises an exterior surface, said exterior surface including a 5 plurality of grooves configured to receive said ribs.

16. A hub assembly in accordance with Claim 7 wherein said insert comprises plastic.

17. A method for assembling a hub for a washing machine transmission, the transmission including an input shaft, a brake hub, and an 10 isolator insert, the hub having a substantially circular interior surface defining an opening for receiving the input shaft, the isolator insert including a ring and a plurality of substantially flat legs, said method comprising the steps of:
15 inserting the isolator insert into the brake hub so that the flat legs of the insert extend at least partially into the opening of the hub; and
positioning the input shaft between the flat legs of the insert and deforming the legs around the input shaft.

18. A method in accordance with Claim 17 wherein the interior surface of the hub includes a plurality of ribs, said step of inserting the 20 isolator insert comprises the step of:
extending the flat legs of the isolator insert between the ribs of the interior surface of the hub.

19. A method in accordance with Claim 17 wherein the hub further includes a bottom, the legs of the insert including a proximal end and a

-10-

distal end, at least one of the legs including a tab at the distal end, said step of inserting the isolator insert comprising the step of;

inserting the insert into the hub until the tab engages the bottom of the hub.

5 20. A method in accordance with Claim 17 wherein the hub further includes a top and the isolator insert further includes a ring connecting the flat legs, said step of inserting the isolator insert comprising the step of:

inserting the insert into the hub until the ring of the insert contacts the top of the hub.